

data representative of a plurality of both foreign and domestic countermeasures. The data may be downloaded to the CPU board as well as updated for reprogramming of the CPU board. A digital signal processing board utilizes a plurality of DSP processors for running software capable of producing a wide range of acoustic signal outputs. A neural network may be used for analyzing and identifying acoustic sounds from incoming threats and notifying the CPU board for selection of a preprogrammed response for transmission by a transducer stack.--

MARKED UP VERSION OF AMENDMENTS

IN THE ABSTRACT

The paragraph starting at line 6 has been amended as follows:

A system and method is disclosed for a countermeasure threat emulator[. The countermeasure threat emulator is] (CME) provided in a tubular housing that may be launched from a submarine or ship. The CME electronics [of the countermeasure threat emulator] include a CPU board for running software, communicating with a computer external to the [tubular] housing[,] and data recording.

The external computer [external to the tubular housing]

preferably incorporates a database [that includes] having data representative of a plurality of both foreign and domestic countermeasures [as well as domestic countermeasures]. The data may be downloaded to the CPU board as well as updated for reprogramming of the CPU board. A digital signal processing board [preferably] utilizes a plurality of DSP processors for running [the main] software [that is] capable of producing a wide range of acoustic signal outputs. A neural network may be used for analyzing and identifying acoustic sounds from incoming threats [for identification thereof] and [for subsequent notification to] notifying the CPU board for selection of a preprogrammed response[. Power amplifiers and filters are provided for converting digital streams of digital signals to analog signals] for transmission by a transducer stack.

REMARKS

Pursuant to the Notice, Applicants have amended the Abstract
to conform with the requirements of 37 CFR §1.72(b).

Respectfully submitted,

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